

AGENDA

COMMITTEE ON JOINT SCHOOL BUILDINGS

February 22, 2005

**School Cmte. Members Herbert,
Beaudry, Cote, Ouellette & Kelley
Aldermen Roy, Porter, DeVries,
Garrity & Thibault**

5:00 PM

**Aldermanic Chambers
City Hall (3rd Floor)**

1. Chairman Herbert calls the meeting to order.
2. The Clerk calls the roll.
3. Update on the School Facilities Improvement Project.
 - a) update on funds (if any) from the Finance Department that went into the project what was not included in the bond issue (i.e., paid out of the city's general fund); and
 - b) communication from Tim Clougherty, Chief Facilities Manager, summarizing substantiation for the proposed increase in maintenance funding.
4. Any other business which may come before the Committee.
5. If there is no further business, a motion is in order to adjourn.



Monthly Report – February 2005

City of Manchester
Joint School Building Committee Meeting: February 22, 2005
School Facilities Improvement Project

1.0 Budget:

- Budget overview summary attached.

2.0 Schedule:

- Project schedule overview attached.

Activity Summary:

The new Central High School classroom addition and science labs are nearing completion. The exterior wall construction for the building addition is nearing completion with only minor metal panel installation remaining. Work continues at the CHS connector (two levels open) with new garage entrance work also continuing in the adjacent area. Central High School Addition (Levels 3 and 4), Memorial High School, Hillside Middle School, and Southside Middle School new classroom additions are nearing completion with furniture arriving at or around winter break. Gymnasium wood flooring installation is now complete at Southside Middle School. Exterior masonry work is complete at Hillside Middle School and Southside Middle School. Schools nearing substantial completion and final turnover to the City; Jewett Street Elementary School, Smyth Road Elementary School, Webster Elementary School and Gossler Park Elementary. McDonough Elementary School has commenced early and continues to progress. Preconstruction meetings for Bakersville Elementary and Green Acres are in the process of being scheduled. There is ongoing contact with local utility companies (Keyspan, PSNH, DPW and Verizon) to coordinate work efforts, shutdowns, cutovers, etc. There is ongoing contact with local building inspectors and fire department for inspections, etc. There is ongoing contact with school principals for user review/approval of final material color selections and furniture selection (specialty areas, etc.).

3.0 Previous Months Progress (13 January 05 – 19 February 05):

- Central High School
 - New Connector Construction Nearly Complete (Levels Three and Four)
 - Elevator Installation Ongoing – New Addition Nearly Complete
 - Elevator Installation Foundation Installation in Practical Arts Ongoing
 - Auditorium Nearly Complete
 - Window Wall/Curtain Wall Installation Nearly Complete
 - Classroom Addition Interior Sheet Rock Installation Complete
 - Exterior Brick Installation Complete (Addition)
 - Exterior Metal Panel Installation Nearly Complete
 - Interior Painting Ongoing
 - Stairwell Rubber Flooring Installation Ongoing
 - Parking Garage Ceiling Installation Nearly Complete
 - Old James Administration Area Renovation Ongoing
- West High School
 - Ceiling Grid Installation Nearly Complete
 - Interior Painting Ongoing
 - Stairwell Rubber Flooring & Handrail Upgrade Installation Nearly Complete
 - Fire Protection Installation Nearly Complete
 - Restroom ADA Upgrades Ongoing
- Memorial High School
 - Classroom Addition Exterior Brick Installation Complete



- Classroom Interior Partitions Complete
 - Classroom Interior Floor Installation Nearly Complete
 - Interior Renovation MEP Ongoing
 - Sitework Nearly Complete (Spring)
- Webster Elementary School
 - MEP Balancing Nearly Complete
 - Floor Installation Complete
- Hillside Middle School
 - Cafeteria Nearly Complete
 - Roof Installation at Classroom Nearly Complete
 - Fire Protection System Installation Nearly Complete
 - MEP (Renovation/Addition) Ongoing
 - New Administration Offices Nearly Complete
 - Classroom Exterior Brick Installation Complete
 - Cafeteria Site Restoration Nearly Complete (Spring)
 - Classroom Addition Interior Painting Ongoing
 - Ceiling Grid Installation Nearly Complete
 - Ceiling Tile Installation Ongoing
- Southside Middle School
 - Cafeteria Nearly Complete
 - Roof Installation at Classroom Nearly Complete
 - Fire Protection System Installation Complete
 - MEP (Renovation/Addition) Ongoing
 - New Administration Offices Nearly Complete
 - Classroom Exterior Brick Installation Complete
 - Cafeteria Site Restoration Nearly Complete (Spring)
 - Classroom Addition Interior Painting Ongoing
 - Ceiling Grid Installation Nearly Complete
 - Ceiling Tile Installation Ongoing
- Parkside Middle School
 - MEP Work Nearly Complete
 - Interior Painting Nearly Complete
 - VCT Flooring Installation Complete
 - Ceiling Grid Installation Ongoing
 - Exterior Door Installation Complete
- Smyth Road Elementary School
 - Punchlist
- Gossler Park Elementary School
 - Punchlist
- Jewett Street Elementary School
 - Punchlist
- Hallsville
 - Interior Door Installation Nearly Complete
 - HVAC Ductwork Installation Ongoing
 - Ceiling Grid Installation Complete
 - Interior Painting Ongoing
- Weston Elementary School
 - Ceiling Grid Installation Complete
 - MEP Work Nearly Complete
 - Window and Exterior Door Installation Punchlist
 - RTU Ductwork Installation Complete



- Interior Painting Ongoing
 - Interior Window Shade Installation Complete
- Highland Goffs Falls
 - Administration Area HVAC Work Nearly Complete
 - MEP Work Nearly Complete
 - Interior Painting Nearly Complete
- Parker Varney
 - Ductwork Installation Ongoing
 - Electrical Installation Nearing Completion
 - Structural Steel (RTU Support) Installation at Gym Complete
 - RTU Installation Complete
- McDonough Elementary School
 - Wall Priming Nearly Complete
 - Rough-in Electrical Installation Ongoing
 - Mechanical Ductwork Installation Commencement
- Safety Meetings Ongoing
- OCIP Enrollment Ongoing
- Ongoing Weekly Project Status Meetings
- Final as needed Code Review/Approval Meetings with Manchester Building & Fire Department
- Manchester Resident Employment Report (attached)

January 31

4.0 Upcoming Activities (20 February 05 – 16 March 05):

- Central High School
 - New Addition Levels Three and Four Complete
 - Practical Arts Elevator Installation Continues
 - Link Construction Complete (Levels Three & Four)
 - Parking Garage Nearing Completion
- West High School
 - Interior Painting Continues
 - Fire Protection (Fire Pump Testing)
- Memorial High School
 - Punchlist Classroom Addition
 - Old Gymnasium HVAC Ongoing
- Smyth Road Elementary School
 - Final Punchlist & Substantial Completion
- Jewett Street Elementary School
 - Final Punchlist & Substantial Completion
- Gossler Park Elementary School
 - Final Punchlist & Substantial Completion
- Webster Elementary School
 - Punchlist
- Hillside Middle School
 - MEP Installation Continues (Renovation)
 - Punchlist Classroom Addition
- Southside Middle School
 - MEP Installation Continues (Renovation)
 - Punchlist Classroom Addition
- Parkside Middle School
 - Exterior Ductwork Ongoing
 - Ceiling Installation Nearing Completion



Manchester Public
School Facilities
Improvement Project

DMJM
AN AECOM COMPANY
Project Office

222 South Jewett Street · Manchester, NH 03103
T 603.644.0410 · F 603.644.0411

- Weston Elementary School
 - Fire Alarm System Nearing Completion
 - HVAC System Balancing
- Hallsville
 - MEP Work Continues
 - Interior Painting Continues
- Highland Goffs Falls
 - MEP Work Nearing Completion
 - Interior Painting Nearing Completion
- Parker Varney Elementary School
 - MEP Work Ongoing
- McDonough Elementary School
 - Wall Priming Complete
 - Rough-in Electrical Installation Continues
 - Mechanical Duct Installation Continues
- Final Design Submission of the Program – MST Construction Documents
- OCIP Enrollment Ongoing
- User input from school principals/department heads

5.0 Critical Issues:

- CHS, MHS, HSMS & SSMS Turnovers of New Spaces
- OCIP Enrollment

6.0 New Issues:

- Change Orders (attached)
- Maintenance



6.0 Progress Photos

Mid January to Mid February

Central High School Courtyard and New
Main Entrance



Central High School From Concord Street





Central High School New Classroom Construction

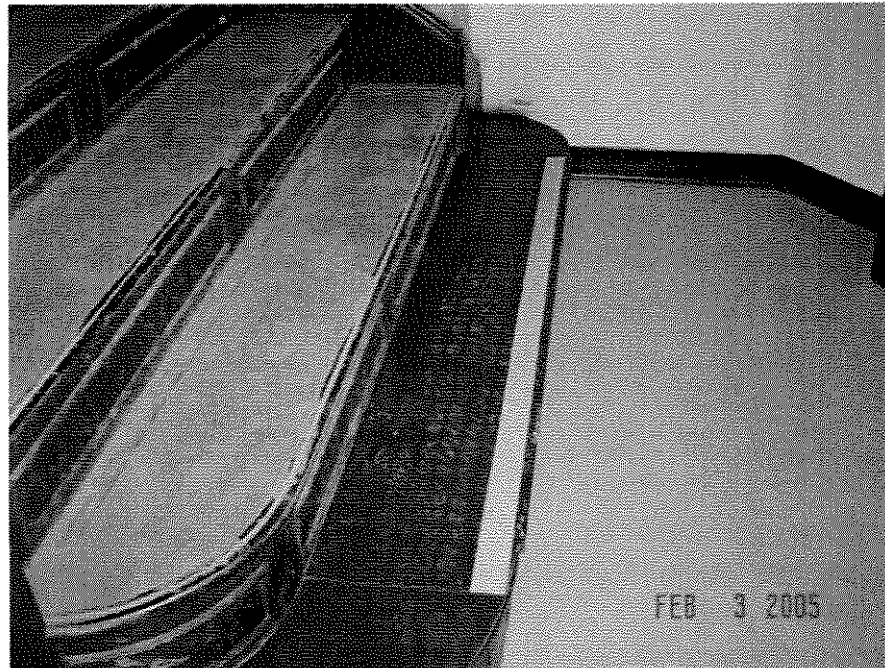


Central High School New Restroom





Central High School New Stair Treads – Classical Building



Central High School Parking Garage





Central High School Link Construction

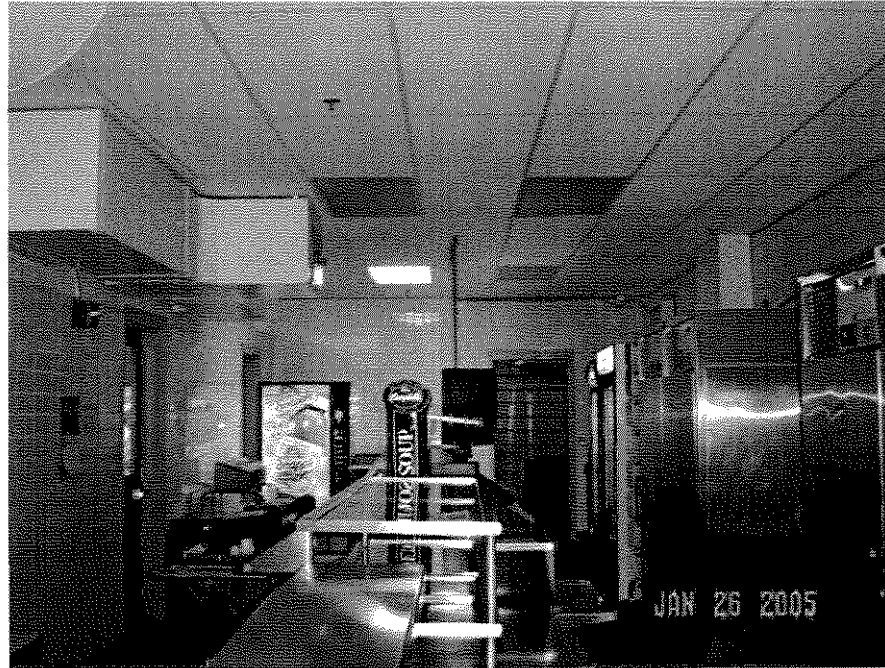


West High School Courtyard Entrance Door Installation





West High School Cafeteria Serving Area Ceiling



Memorial High School Classroom Corridor Tile Installation





Memorial High School New Mini-Gym Ductwork Installation



Hillside Middle School Classroom Addition





Hillside Middle School Classroom Addition Corridor



Hillside Middle School Science Lab Construction





Southside Middle School Classroom Addition Exterior Wall



Southside Middle School Classroom Construction





Parker-Varney Elementary School Wall Paper Removal



Parkside Middle School Ceiling Grid and Ductwork Installation





McDonough Elementary School Ductwork Installation





Manchester Public
School Facilities
Improvement Project

DMJM
AN AECOM COMPANY
Project Office
222 South Jewett Street · Manchester, NH 03103
T 603.644.0410 · F 603.644.0411

| JOINT SCHOOL BUILDING COMMITTEE | | | | | |
|---|------------------------|----------------------|---------------------|--------------------|---|
| HIGHWAY DEPARTMENT / PROJECT FINANCIAL REPORT | | | | | |
| 15-Feb-05 | | | | | |
| DESIGN/BUILD/FINANCE SCHOOL IMPROVEMENT PROGRAM - Project #310303 | | | | | |
| BUDGET | | FUNDING | SOURCE: | Bond | |
| | | FY03 CIP | School Revenue Bond | \$101,410,000 | |
| | | FY03 CIP | Gen.Obligation Bond | \$3,590,000 | |
| 108,995,000 | | FY03 CIP | Earned Interest | \$3,995,000 | |
| AUTHORIZED VENDOR DESCRIPTION AND APPROVAL DATE | BUDGET | AMOUNT ENCUMBERED | PERCENT COMPLETE | AMOUNT EXPENDED | RETAINAGE HELD |
| INSURANCE & LEGAL | | | | | |
| Arthur J. Gallagher & Co. | | | | | |
| Insurance Administrative & Broker Services | \$250,000.00 | \$70,000.00 | 72% | \$180,000.00 | |
| Primary Insurance of \$25,000,000 | \$265,000.00 | \$0.00 | 100% | \$265,000.00 | |
| Excess Insurance of \$25,000,000 | \$130,000.00 | \$0.00 | 100% | \$130,000.00 | |
| Liberty Mutual Insurance Company | | | | | |
| OCIP Premiums | \$1,479,523.00 | \$0.00 | 100% | \$1,479,523.00 | |
| Workmen's Compensation Premium | \$25,000.00 | \$0.00 | 100% | \$25,000.00 | |
| OCIP Loss Fund | \$200,000.00 | \$119,584.44 | 40% | \$80,415.56 | |
| Fernando Insurance - CHS Statue Insure | \$7,500.00 | \$0.00 | 100% | \$7,500.00 | |
| Fernando Insurance - Builders Risk Insurance | \$26,080.00 | \$0.00 | 100% | \$26,080.00 | |
| Ropes & Gray - Consultant Services | \$138,321.64 | \$0.00 | 100% | \$138,321.64 | |
| Albert Risk Management Consultants - OCIP | \$2,217.75 | \$0.00 | 100% | \$2,217.75 | |
| Insurance & Legal To Date | \$2,523,642.39 | | | | |
| Program Management Services | | | | | |
| DMJM H&N | \$3,000,000.00 | \$1,340,346.69 | 55% | \$1,659,653.31 | |
| OTHER EXPENSES | | | | | |
| Information Systems - Computer equipment | \$379.95 | \$0.00 | 100% | \$379.95 | |
| PSNH - West HS 3Phase High Voltage Install | \$5,000.00 | \$0.00 | 100% | \$5,000.00 | |
| PSNH - Central HS 3Phase Primary & Transformer | \$15,205.99 | \$0.00 | 100% | \$15,205.99 | |
| Seacoast Diversified - West HS Strip lead paint | \$4,920.00 | \$0.00 | 100% | \$4,920.00 | |
| CED TwinState - Smyth,Jewett,Gossier Light Fixtures | \$2,815.57 | \$0.00 | 100% | \$2,815.57 | |
| Building Permits | \$840,000.00 | \$479,014.00 | 43% | \$360,986.00 | |
| United Oil Recovery -Remove oil from CHS tank | \$2,761.25 | \$0.00 | 100% | \$2,761.25 | |
| RPF Associates, Inc. - Dust Settling Testing | \$1,772.50 | \$0.00 | 100% | \$1,772.50 | |
| RPF Associates, Inc. - Lead Paint Testing | \$1,156.24 | \$0.00 | 100% | \$1,156.24 | |
| Alpha Asbestos - Lead Paint Removal West HS Railings | \$2,450.00 | \$0.00 | 100% | \$2,450.00 | |
| Alarmax - Smoke Detectors for Webster | \$669.29 | \$0.00 | 100% | \$669.29 | |
| Highway Dept. - Pavement Patching @ Webster | \$1,975.46 | \$0.00 | 100% | \$1,975.46 | |
| WW Grainger - Portable Blowers for Hillside/Southside S | \$809.56 | \$809.56 | 0% | | |
| Alpha Asbestos - Hang Plastic Southside Shelter | \$1,475.00 | \$1,475.00 | 0% | | |
| Other Expenses To Date | \$881,390.81 | | | | |
| Design & Construction Services | | | | | |
| Gilbane Building Company - Base Contract | \$94,900,200.00 | \$23,010,624.94 | 76% | \$71,889,575.06 | \$5,600,149.74 |
| Change Orders | | | | | |
| CO#1: Wall System Rev | \$0.00 | | | | |
| CO#2: Cable Reroute | \$0.00 | | | | |
| CO#3: Gym Floor Lines | \$0.00 | | | | |
| CO#4: Jewett Repainting | \$0.00 | | | | |
| CO#5: Middle School Structure | \$0.00 | | | | |
| CO#6: Rebuild Chimneys | \$0.00 | | | | |
| CO#7: Architectural, Painting & Carpentry Changes | \$0.00 | | | | |
| CO#8: CHS-PA Refinish Auditorium Flooring | \$27,648.00 | | | | Funding from School District per 6/30/04 MSD Authorization |
| CO#9: MHS Stage Rigging and WHS Furniture Move | \$0.00 | | | | No Change in Contract Total |
| CO#10: Furniture Move at Central | \$12,550.00 | | | | Funding from FF&E |
| CO#11: HSMS Unsuitable Soils & EBU Rewiring | \$32,724.20 | | | | Funding from Contingency |
| CO#12 Hillside/Southside MS Stairs & Addition Bathroo | \$325,453.00 | | | | Funding from Contingency |
| CO#13 Central Intercom/Webster Ceilings | \$16,352.00 | | | | Funding from Contingency |
| Future: CHS Consumer Science Upgrade | \$94,902.00 | | | | Funding from School District per 6/30/04 MSD Authorization |
| Future: WHS Consumer Science Upgrade | \$70,169.00 | | | | Funding from School District per 6/30/04 MSD Authorization |
| Future: MHS Consumer Science Upgrade | \$111,372.00 | | | | Funding \$60,000 per 6/30/04 MSD Authorization & FF&E Below |
| New Guaranteed Maximum Price (GMP) | \$95,591,370.20 | | | | |



Manchester Public
School Facilities
Improvement Project

DMJM
AN AECOM COMPANY
Project Office
222 South Jewett Street · Manchester, NH 03103
T 603.644.0410 · F 603.644.0411

| PAGE 2 OF 2 | | | | | |
|---|-------------------------|------------------------|---------------------|------------------------|-------------------|
| AUTHORIZED VENDOR DESCRIPTION AND APPROVAL DATE | BUDGET | AMOUNT ENCUMBERED | PERCENT COMPLETE | AMOUNT EXPENDED | RETAINAGE HELD |
| Program FF&E | \$2,000,000.00 | | | | |
| MHS - Consumer Science Upgrade (And \$60M by MSD) | \$51,372.00 | \$51,372.00 | 0% | | |
| WB Mason - Hillside - Administration | \$35,637.42 | \$171.02 | 100% | \$35,466.40 | |
| WB Mason - Southside - Administration | \$34,775.66 | \$3,641.62 | 90% | \$31,134.04 | |
| WB Mason - West HS - Administration | \$59,825.43 | \$0.00 | 100% | \$59,825.43 | |
| WB Mason - West HS - Classrooms | \$21,559.59 | \$0.00 | 100% | \$21,559.59 | |
| WB Mason - Central HS - Administration | \$66,437.54 | \$495.99 | 99% | \$65,941.55 | |
| School Furnishings - Cafeteria Tables | \$191,482.60 | \$110,760.10 | 42% | \$80,722.50 | |
| Central HS - Furniture Move | \$12,550.00 | \$12,550.00 | 0% | | |
| Union Leader - Central HS - Ad Sidewalk Plow Inv.To Bid | \$65.61 | \$0.00 | 100% | \$65.61 | |
| Howard P. Fairfield - Central HS - Sidewalk Plow | \$71,660.00 | \$0.00 | 100% | \$71,660.00 | |
| Aramark - Central HS - Entrance Matting | \$5,229.33 | \$0.00 | 100% | \$5,229.33 | |
| School District- Reimburse for CHS Portable Bleachers | \$11,700.00 | \$11,700.00 | 0% | | |
| Balance for Future FF&E | | \$1,437,704.82 | | | |
| Total FF&E Encumbered & Balance | \$562,295.18 | \$1,628,395.55 | | \$371,604.45 | |
| Contingency/JSBC Approved Expenses | \$5,650,000.00 | | | | |
| Hazmat removal - JSBC 3/23/04 NTE Limit | \$1,083,439.00 | \$1,083,439.00 | | | |
| Hillside MS Stairs - JSBC 5/5/04 CO#12 | \$190,931.00 | CO#12 | | | |
| Southside MS Stairs - JSBC 5/5/04 CO#12 | \$190,175.00 | CO#12 | | | |
| CHS Bleachers - JSBC 10/26/04 | \$225,000.00 | \$225,000.00 | | | |
| CHS Intercom - JSBC 10/26/04 | \$13,263.00 | CO#13 | | | |
| WHS Lockers - JSBC 11/9/04 | \$105,000.00 | \$105,000.00 | | | |
| Contingency/ Change Order Number & Amounts | | | | | |
| CO#11: HSMS Unsuitable Soils & EBU Rewiring JSBC | \$32,724.20 | \$32,724.20 | | | |
| CO #12 Hillside/Southside MS Stairs JSBC 11/25/04 | \$325,453.00 | \$325,453.00 | | | |
| CO#13: Central Intercom/Webster Acoustical Ceiling | \$16,352.00 | \$16,352.00 | | | |
| Balance for Future Contingency Allocations | | \$3,862,031.80 | | | |
| Contingency Authorized to Date | \$1,787,968.20 | \$5,650,000.00 | | \$0.00 | |
| JSBC APPROVED CONTINGENCY BALANCE | \$3,862,031.80 | | | | |
| UNENCUMBERED PROJECT FUNDS | \$39,766.80 | | | | |
| ENCUMBERED/EXPENDED TOTAL | \$108,955,233.20 | \$32,300,250.18 | | \$76,654,983.02 | |
| TOTAL | \$108,995,000.00 | | | | |



Manchester Public
School Facilities
Improvement Project

DMJM
AN AECOM COMPANY
Project Office

222 South Jewett Street · Manchester, NH 03103
T 603.644.0410 · F 603.644.0411

Gilbane
222 South Jewett Street
Manchester, NH 03103
Telephone 603-644-3313
Telex 603-644-3313
Facsimile 603-644-3313



February 15, 2005

Manchester Schools' Design Build Employment Committee
c/o Gilbane Building Company
220 South Jewett Street
Manchester, NH 03103

Reference: Manchester City-Wide Schools Project
Manchester, NH
Gilbane Project No. 11-3387-000
Manchester Resident Report – February 15, 2005

Dear Sirs/Madam:

Attached is our resident requirement report for the Manchester City-Wide Schools Project which includes reported data through 02/15/2005.

Page 1 includes monthly detail of subcontractors reported data. Please note that if any field is "blank", either the data is as yet unreported or the subcontractor has not yet begun work. If the subcontractor is "highlighted", they have completed their work and we have closed their contract. Page 2 is a summary by subcontractor of their goals vs. actual performance with the overall job percentage totals reported at the bottom.

Should you have any questions regarding this submittal, please do not hesitate to contact me at 603-644-3313 ext. 209.

Regards,

Robert N. Richer
Project Accountant

Enclosures



Manchester Public
School Facilities
Improvement Project

DMJM
AN AECOM COMPANY
Project Office

222 South Jewett Street · Manchester, NH 03103
T 603.644.0410 · F 603.644.0411

Manchester City-Wide Schools Project - Gilbane Job #11-3387-000

*Reported Residency Data

As of February 15, 2005

Total Hours vs. Manchester Resident Hours

| | Jul-03 Thru Aug-04 Resident Hrs | Jul-03 Thru Aug-04 Total Hours | Sep-04 Resident Hours | Sep-04 Total Hours | Oct-04 Resident Hours | Oct-04 Total Hours | Nov-04 Resident Hours | Nov-04 Total Hours | Dec-04 Resident Hours | Dec-04 Total Hours | Jan-05 Resident Hours | Jan-05 Total Hours | Feb-05 Resident Hours | Feb-05 Total Hours | To Date Resident Hours | To Date Total Hours |
|---------------------------|---------------------------------------|--------------------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------|------------------------------|---------------------------|
| Hayward Baker | 69.50 | 1,514.00 | | | | | | | | | | | | | 69.50 | 1,514.00 |
| Francis Harvey & Sons | 8,324.00 | 32,362.50 | 1,159.50 | 3,219.00 | 344.50 | 1,509.50 | 199.00 | 1,681.50 | 166.50 | 672.00 | 8.00 | 179.00 | | | 10,201.50 | 39,623.50 |
| ICI Craftsmen | 20.50 | 27.50 | | | | | | | | | | | | | 20.50 | 27.50 |
| Hampshire Fire Protection | 2,143.00 | 8,358.95 | 126.50 | 338.00 | 430.50 | 1,805.50 | 1,009.50 | 1,963.50 | 1,434.00 | 2,682.25 | 896.00 | 2,068.75 | | | 6,039.50 | 17,216.95 |
| Interstate Electric | 9,562.00 | 34,281.50 | 1,628.50 | 5,500.50 | 2,125.50 | 6,952.50 | 1,637.00 | 4,940.00 | 1,910.50 | 5,988.50 | 1,827.50 | 5,332.00 | | | 18,691.00 | 62,995.00 |
| ACT Abatement | 0.00 | 3,413.00 | | 0.00 | 4.00 | | | | | | | | | | 4.00 | 3,413.00 |
| A & E Flooring | 856.50 | 3,369.25 | 363.00 | 1,402.00 | 0.00 | 176.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | 1,219.50 | 4,947.25 |
| Essex Newbury & Sub | 0.00 | 8,055.50 | 0.00 | 311.00 | 0.00 | 0.00 | 0.00 | 292.00 | 0.00 | 466.00 | | | | | 0.00 | 9,124.50 |
| George R. Cairns & Subs. | 2,125.00 | 14,435.00 | 285.00 | 1,458.50 | 321.50 | 1,094.50 | 174.50 | 590.00 | 224.00 | 1,290.50 | 0.00 | 393.00 | | | 3,130.00 | 19,261.50 |
| C.P. Blouin | 5,648.10 | 23,987.25 | 1,831.25 | 7,317.25 | 1,626.80 | 7,698.50 | 1,271.50 | 6,249.00 | 1,343.00 | 6,620.75 | 680.50 | 3,512.00 | 207.50 | 761.50 | 12,608.65 | 56,146.25 |
| Consolidated Electric | 598.00 | 11,803.00 | 0.00 | 1,437.00 | 0.00 | 982.00 | 0.00 | 1,112.00 | 0.00 | 1,019.50 | 0.00 | 950.00 | | | 598.00 | 17,303.50 |
| American Steele | 0.00 | 477.50 | 0.00 | 276.50 | 0.00 | 159.50 | 0.00 | 437.00 | 0.00 | 393.50 | 0.00 | 362.50 | | | 0.00 | 2,106.50 |
| Iaccarino & Sons | 32.00 | 103.00 | | | | | | | | | | | | | 32.00 | 103.00 |
| Northern Plaster Works | 0.00 | 2,200.00 | | | | | | | | | | | | | 0.00 | 2,200.00 |
| Francis H. Maroney | 4,554.00 | 29,034.50 | 572.00 | 5,669.75 | 682.00 | 3,946.00 | 468.00 | 2,449.00 | 344.00 | 5,968.75 | 221.00 | 2,125.50 | 80.00 | 393.00 | 6,921.00 | 49,586.50 |
| Johnson Controls, Inc. | 330.00 | 619.00 | 124.00 | 216.00 | 87.00 | 87.00 | 185.00 | 833.00 | 0.00 | 93.00 | 0.00 | 608.00 | | | 726.00 | 2,256.00 |
| Youngblood Co., Inc. | 1,233.00 | 4,866.50 | 777.50 | 3,837.50 | 160.00 | 843.50 | 256.50 | 715.00 | 441.00 | 964.00 | 886.50 | 1,697.00 | | | 3,754.50 | 12,923.50 |
| Novel Iron Works, Inc. | 0.00 | 12,436.50 | 0.00 | 619.50 | 0.00 | 478.00 | 0.00 | 379.50 | 0.00 | 173.50 | 0.00 | 365.50 | | | 0.00 | 14,452.50 |
| Northeast Masonry, Inc. | 350.50 | 6,537.00 | 0.00 | 1,641.50 | | | | | | | | | | | 350.50 | 8,178.50 |
| King Painting | 0.00 | 20,066.00 | 0.00 | 9,880.00 | 100.00 | 9,757.50 | 110.00 | 3,582.50 | 420.00 | 8,870.00 | 460.00 | 13,596.00 | | | 1,090.00 | 65,752.00 |
| Premier Caulking | 113.50 | 301.00 | | | | | | | | | | | | | 113.50 | 301.00 |
| Kel Rick Construction | 2,381.00 | 22,460.00 | 434.50 | 16,969.05 | 945.00 | 6,330.50 | 652.50 | 8,841.50 | 241.00 | 5,016.50 | 83.50 | 1,578.50 | | | 4,737.50 | 61,196.05 |
| Skyline Roofing | 7,580.65 | 10,471.00 | 1,010.00 | 1,502.50 | 462.00 | 792.00 | 895.50 | 1,343.00 | 537.00 | 760.75 | 139.50 | 183.00 | | | 10,624.65 | 15,052.25 |
| New Hampshire Glass | 330.50 | 1,097.50 | 504.00 | 3,127.00 | 175.50 | 1,081.00 | 198.00 | 1,672.00 | 69.00 | 1,099.00 | 68.50 | 1,485.00 | | | 1,365.50 | 9,561.50 |



Manchester Public
School Facilities
Improvement Project

DMJM
AN AFCON COMPANY
Project Office
222 South Jewett Street - Manchester, NH 03103
T 603.644.0410 • F 603.644.0411

| | Jul-03 Thru Aug-04 Resident Hrs. | Jul-03 Thru Aug-04 Total Hours | Sep-04 Resident Hours | Sep-04 Total Hours | Oct-04 Resident Hours | Oct-04 Total Hours | Nov-04 Resident Hours | Nov-04 Total Hours | Dec-04 Resident Hours | Dec-04 Total Hours | Jan-05 Resident Hours | Jan-05 Total Hours | Feb-05 Resident Hours | Feb-05 Total Hours | To Date Resident Hours | To Date Total Hours |
|--|--|--------------------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------|------------------------------|---------------------------|
| Stateline Acoustical Ceilings | 0.00 | 93.50 | 40.00 | 508.00 | 129.00 | 479.00 | | | | | | | | | 169.00 | 1,080.50 |
| Chamberlain Companies, Inc. | 188.00 | 188.00 | 0.00 | 20.00 | 0.00 | 72.00 | 0.00 | 73.00 | | | | | | | 188.00 | 353.00 |
| Pine State Elevator | 0.00 | 414.00 | 0.00 | 98.00 | 0.00 | 330.00 | 0.00 | 40.00 | 0.00 | 100.25 | 0.00 | 60.25 | | | 0.00 | 1,042.50 |
| Hate to Paint/Stain? | 2,212.25 | 2,468.75 | 221.75 | 432.25 | | | | | | | | | | | 2,434.00 | 2,901.00 |
| Dec-Tam Corporation | 70.00 | 7,892.50 | | | | | | | | | | | | | 70.00 | 7,892.50 |
| Twin Brooks Environmental | 0.00 | 0.00 | | | | | | | | | | | | | 0.00 | 0.00 |
| Major Theatre Equipment | 0.00 | 0.00 | 0.00 | 967.00 | | | | | 0.00 | 108.00 | 0.00 | 60.00 | | | 0.00 | 1,135.00 |
| Air Quality Experts, Inc. | 0.00 | 489.00 | 0.00 | 8.00 | | | | | | | | | | | 0.00 | 497.00 |
| ABC Flooring Specialists | 0.00 | 0.00 | 0.00 | 260.00 | 0.00 | 106.25 | | | | | | | | | 0.00 | 366.25 |
| Tucker Library Interiors | 0.00 | 85.50 | 0.00 | 134.60 | 0.00 | 103.75 | 0.00 | 0.00 | | | | | | | 0.00 | 323.85 |
| American Sport Floors | 0.00 | 157.50 | 0.00 | 333.00 | 0.00 | 694.00 | 0.00 | 216.00 | 0.00 | 94.50 | | | | | 0.00 | 1,495.00 |
| Northeast Interior Systems | 33.00 | 33.00 | 0.00 | 24.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 80.00 | 80.00 | | | 113.00 | 137.00 |
| Pitcher Associates | 240.00 | 464.00 | 72.00 | 144.00 | 0.00 | 32.00 | 128.00 | 628.00 | 285.50 | 478.50 | 221.00 | 393.00 | | | 946.50 | 2,139.50 |
| Ahern Painting Co., Inc. | 0.00 | 0.00 | | | | | | | | | | | | | 0.00 | 0.00 |
| Allegheny Contract Flooring | 3,247.00 | 3,599.00 | 16.00 | 16.00 | 128.00 | 128.00 | 216.00 | 216.00 | 44.00 | 44.00 | 184.00 | 186.00 | | | 3,835.00 | 4,489.00 |
| F.A. Gray, Inc. | 0.00 | 0.00 | 0.00 | 259.25 | 0.00 | 427.00 | 0.00 | 716.75 | | | | | | | 0.00 | 1,403.00 |
| Robert H. Lord | 108.00 | 108.00 | | | | | | | | | | | | | 108.00 | 108.00 |
| Granite State Acoustics | | | 1,297.50 | 1,804.50 | 335.50 | 652.00 | 90.00 | 124.00 | 205.00 | 370.50 | 296.00 | 552.50 | | | 2,224.00 | 3,503.50 |
| Material Handling Sales | 0.00 | 444.00 | | | | | | | | | | | | | 0.00 | 444.00 |
| E.S. Boulas | 472.50 | 1,140.50 | 296.00 | 699.00 | | | | | | | | | | | 768.50 | 1,839.50 |
| Merrimac Tile Company | 16.00 | 354.00 | 80.00 | 279.00 | | | | | | | | | | | 96.00 | 633.00 |
| Raynor Door Authority | | | | | | | 42.75 | 88.25 | | | | | | | 42.75 | 88.25 |
| Monthly Totals | 52,838.50 | 270,508.20 | 10,839.00 | 70,709.15 | 8,056.80 | 46,717.50 | 7,533.75 | 38,982.50 | 7,664.50 | 43,274.25 | 6,072.00 | 35,767.50 | 287.50 | 1,154.50 | 93,292.05 | 507,113.60 |
| Total Manchester Hrs. | 93,292.05 | | | | | | | | | | | | | | | |
| Total Labor Hours | 507,113.60 | | | | | | | | | | | | | | | |
| % of Manchester Hours | 18.40% | | | | | | | | | | | | | | | |
| * Blank Field Equals No Data Reported That Month | | | | | | | | | | | | | | | | |
| Highlighted Subcontractors are Closed Out | | | | | | | | | | | | | | | | |



Manchester City-Wide Schools Project - Gilbane Job #11-3387-000

Goals Vs. Actual Percentage Schedule Of Reported Hours

As of February 15, 2005

| | <u>CUMULATIVE MANCHESTER HRS</u> | <u>CUMULATIVE TOTAL HOURS</u> | <u>GOAL PERCENTAGE MANCHESTER HOURS</u> | <u>ACTUAL PERCENTAGE MANCHESTER HOURS</u> |
|---------------------------|--------------------------------------|-----------------------------------|---|---|
| Hayward Baker | 69.50 | 1,514.00 | 5.00% | 4.59% |
| Francis Harvey & Sons | 10,201.50 | 39,623.50 | 15.00% | 25.75% |
| HCI Craftsmen | 20.50 | 27.50 | 50.00% | 74.55% |
| Hampshire Fire Protection | 6,039.50 | 17,216.95 | 10.00% | 35.08% |
| Interstate Electric | 18,691.00 | 62,995.00 | 5.00% | 29.67% |
| ACT Abatement | 4.00 | 3,413.00 | 0.00% | 0.12% |
| A & E Flooring | 1,219.50 | 4,947.25 | 2.00% | 24.65% |
| Essex Newbury | 0.00 | 9,124.50 | 0.00% | 0.00% |
| George R. Cairns | 3,130.00 | 19,261.50 | 5.00% | 16.25% |
| C.P. Blouin | 12,608.65 | 56,146.25 | 20.00% | 22.46% |
| Consolidated Electric | 598.00 | 17,303.50 | 5.00% | 3.46% |
| American Steele | 0.00 | 2,106.50 | 0.00% | 0.00% |
| Iaccarino & Sons | 32.00 | 103.00 | 0.00% | 31.07% |
| Northern Plaster Works | 0.00 | 2,200.00 | 0.00% | 0.00% |
| Francis H. Maroney | 6,921.00 | 49,586.50 | 15.00% | 13.96% |
| Johnson Controls, Inc. | 726.00 | 2,256.00 | 50.00% | 32.18% |
| Youngblood Co., Inc. | 3,754.50 | 12,923.50 | 15.00% | 29.05% |
| Novel Iron Works, Inc. | 0.00 | 14,452.50 | 0.00% | 0.00% |
| Northeast Masonry | 350.50 | 8,178.50 | 5.00% | 4.29% |
| King Painting | 1,090.00 | 65,752.00 | 10.00% | 1.66% |
| Premier Caulking | 113.50 | 301.00 | 0.00% | 37.71% |
| Kei-Rick Construction | 4,737.50 | 61,196.05 | 5.00% | 7.74% |
| Skyline Roofing | 10,624.65 | 15,052.25 | 10.00% | 70.59% |
| New Hampshire Glass | 1,365.50 | 9,561.50 | 15.00% | 14.28% |



Manchester Public
School Facilities
Improvement Project

DMJM
AN AECOM COMPANY
Project Office

222 South Jewett Street · Manchester, NH 03103
T 603.644.0410 · F 603.644.0411

| | <u>CUMULATIVE MANCHESTER HRS</u> | <u>CUMULATIVE TOTAL HOURS</u> | <u>GOAL PERCENTAGE MANCHESTER HOURS</u> | <u>ACTUAL PERCENTAGE MANCHESTER HOURS</u> |
|-------------------------------|--------------------------------------|-----------------------------------|---|---|
| Stateline Acoustical Ceilings | 169.00 | 1,080.50 | 0.00% | 15.64% |
| Chamberlain Companies | 188.00 | 353.00 | 5.00% | 53.26% |
| Pine State Elevator | 0.00 | 1,042.50 | 0.00% | 0.00% |
| Hate to Paint/Stain? | 2,434.00 | 2,901.00 | 80.00% | 83.90% |
| Dec-Tam Corporation | 70.00 | 7,892.50 | 0.00% | 0.89% |
| Twin Brooks Environmental | 0.00 | 0.00 | 0.00% | |
| Major Theatre Equipment, Inc. | 0.00 | 1,135.00 | 0.00% | 0.00% |
| Air Quality Experts, Inc. | 0.00 | 497.00 | 0.00% | 0.00% |
| ABC Flooring Specialists | 0.00 | 366.25 | 10.00% | 0.00% |
| Tucker Library Interiors | 0.00 | 323.85 | 0.00% | 0.00% |
| American Sport Floors | 0.00 | 1,495.00 | 0.00% | 0.00% |
| Northeast Interior Systems | 113.00 | 137.00 | 0.00% | 82.48% |
| Pitcher Associates | 946.50 | 2,139.50 | 20.00% | 44.24% |
| Ahern Painting Co., Inc. | 0.00 | 0.00 | 0.00% | |
| Allegheny Contract Flooring | 3,835.00 | 4,489.00 | 0.00% | 85.43% |
| F.A. Gray, Inc. | 0.00 | 1,403.00 | 0.00% | 0.00% |
| Robert H. Lord | 108.00 | 108.00 | 0.00% | 100.00% |
| Granite State Acoustics | 2,224.00 | 3,503.50 | 0.00% | 63.48% |
| Material Handling Sales | 0.00 | 444.00 | 0.00% | 0.00% |
| E.S. Boulos | 768.50 | 1,839.50 | 0.00% | 41.78% |
| Merrimac Tile Company | 96.00 | 633.00 | 0.00% | 15.17% |
| Raynor Door Authority | 42.75 | 88.25 | 0.00% | 48.44% |
| TOTALS | 93,292.05 | 507,113.60 | | |
| OVERALL PERCENTAGE | 18.40% | | | |

CHANGE ORDER



CONTRACT FOR: Manchester City-Wide School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103

PROJECT NUMBER: 113387000
CHANGE ORDER NO: 12
DATE OF ISSUANCE: 10/27/04
SUBMITTED BY: Gilbane
CONTRACT DATED: 4/28/03

ARCHITECT: Lavallee/Brensinger Architects

The Contract changes as follows:

| CCA/COR Number | Change Request | Change Request Description | Amount |
|----------------|----------------|---|------------|
| 200012 | 200012 | New Addition New Bathrooms and New Stairway | 150,435.00 |
| 210012 | 210012 | New Addition New Bathrooms and New Stairway | 149,679.00 |
| 220040 | 220040 | Correct Electrical Deficiencies | 7,187.00 |
| 220058 | 220058 | Install School Logo on New Gym Floor | 0.00 |
| 330040 | 330040 | Additional CMU Demolition At Gym Behind Locker Area | 6,877.00 |
| 330076 | 330076 | Painting of Common Areas (Corridors & Stairs) | 9,272.00 |
| 420023 | 420023 | Replace Ceiling at Teacher's Lounge | 2,003.00 |
| | | | |
| | | | |
| | | | |
| | | | |

Signature of the Owner indicates agreement herewith, including any adjustment in the Contract Sum or the Contract Time

| | |
|--|---------------|
| The original Guaranteed Maximum Price was | 94,900,200.00 |
| Net change by previously authorized and submitted Change Orders | 72,922.20 |
| Guaranteed Maximum Price prior to this Change Order | 94,973,122.20 |
| Guaranteed Maximum Price will be increased by this Change Order | 325,453.00 |
| The new Guaranteed Maximum Price including this Change Order will be | 95,298,575.20 |
| The Contract Time For Phase I Schools will be unchanged by | 0 days |
| The Contract Time For Phase II Schools will be unchanged by | 0 days |
| The date of Substantial Completion for Phase I School construction as of the date of this Change Order therefore is | 08/28/05 |
| The date of Substantial Completion for Phase II School construction as of the date of this Change Order therefore is | 08/28/06 |

Owner:

City of Manchester Dept. of Highways

Date: 10-9-04

Manchester P.S. GP, LLC:

Rene J. Proulx

Date: 10/27/04

Distribution:

Owner
CR File

Gilbane
CO File

Other

CHANGE ORDER REQUEST

Manchester Public
School Facilities
Improvement Project

Gilbane

PROJECT NAME: Hillside Middle School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103
ARCHITECT: Lavalley/Brensinger Architects

OCT 06 2004

GILBANE PROJECT NO: 113387200
CHANGE ORDER/REQ NO: 200012
DATE OF ISSUANCE: 10/05/04

Received
Program Management

ORIGINATOR: Gilbane

We submit herein our request for Change Order in the total amount indicated below for Work included in the Gilbane Change Request Number(s) identified below. Contractor's quotations have been reviewed and found to be fair and reasonable for the work involved. Refer to the attached documentation for specific pricing information.

Upon your approval, we will incorporate this amount in a final change Order document, which when executed by all parties, will change the Contract Sum and Contract Time as applicable.

DEFINITION:

This Change Request is to track all costs associated with the addition of new Bathrooms and a new Stairway in the new addition at Hillside Middle School, due to not having the proper egress capacity with the existing Stairways.

PLEASE NOTE: This COR represents Gilbane's internal estimate and pricing from some of our Partners. As this change was realized early in the design process, we were able to incorporate the drawings into the majority of our Contracts and therefore do not have Change Order Pricing in most cases and are relying on GBC's Internal Estimate for compensation for this added scope.

ATTACHMENTS:

DMJM BULLETIN NO. 00001
ADSF FROM LBPA WITH BACK-UP LETTERS
LETTER FROM CITY OF MANCHESTER TO MAYOR & ALDERMAN

CONTRACTOR QUOTES WHERE APPLICABLE
GBC ESTIMATE

Proposed Change In Contract

Amount: 150,435.00

Proposed Change In Contract time

Time(Days): 0

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|------------------------|-----------|--------------------------------|------------|
| 200012 | Demolition-New | 20202000 | Essex-Newbury | 6,820.00- |
| | Concrete Slabs-New | 20303300 | Francis Harvey | 2,836.00 |
| | Masonry-New | 20404000 | Kel-Rick / GFM | 38,841.00 |
| | Structural Steel-New | 20505200 | Novel Iron Works Inc | 26,480.00 |
| | Misc. Metals-New | 20505200 | Novel Iron Works Inc | 6,187.00 |
| | Roofing-New | 20707300 | Skyline Roofing Inc | 300.00 |
| | Doors & Hardware-New | 20808700 | HCI/Craftsmen | 21,375.00 |
| | Drywall-New | 20909250 | Kel-Rick | 19,653.00- |
| | Tile Flooring-New | 20909300 | ABC Flooring | 19,115.00 |
| | Resilient Flooring-New | 20909600 | Allegheny Flooring | 3,604.00 |
| | Painting-New | 20909900 | King Painting | 3,340.00 |
| | Signage | 21010000 | Barlow Signs | 1,775.00 |
| | Toilet Cubicles-New | 21010800 | HCI Craftsmen | 577.00 |
| | Plumbing-New | 21515000 | Youngblood Co Inc | 9,550.00 |
| | Fire Protection-New | 21515140 | Hampshire Fire | 3,750.00 |
| | Electrical-New | 21616000 | Interstate Electrical | 16,100.00 |
| | Arch. & Eng. Fee | 41718500 | Lavalley/Brensinger Architects | 5,600.00 |
| | MEP Engineering Fee | 41719500 | SBI Companies | 6,335.00 |
| | Fee | 99999900 | Gilbane | 11,143.00 |
| | | | CR # 200012 Total | 150,435.00 |
| | | | COR Total | 150,435.00 |

Owner: [Signature]
City of Manchester Dept of Public Works

Date: 10/26/04

Gilbane: [Signature] Date: 10-5-04

Distribution:

Owner
CR File

Gilbane
COR File

Other

RECEIVED

OCT 26 2004

**GILBANE JOB
NO. 3387**

CHANGE ORDER REQUEST

Gilbane

PROJECT NAME: South Side Middle School Improvement Project
 OWNER: City of Manchester Dept of Public Works
 ADDRESS: 227 Maple Street
 Manchester, NH 03103
 ARCHITECT: Lavallee/Brensinger Architects
 GILBANE PROJECT NO: 113387210
 CHANGE ORDER/REQ NO: 210012
 DATE OF ISSUANCE: 10/19/04
 OCT 20 2004
 Received
 ORIGINATOR: Gilbane

We submit herein our request for Change Order in the total amount indicated below for Work included in the Gilbane Change Request Number(s) identified below. Contractor's quotations have been reviewed and found to be fair and reasonable for the work involved. Refer to the attached documentation for specific pricing information.

Upon your approval, we will incorporate this amount in a final change Order document, which when executed by all parties, will change the Contract Sum and Contract Time as applicable.

DEFINITION:

This Change Request is to track all costs associated with the addition of new Bathrooms and a new Stairway in the new addition at Southside Middle School, due to not having the proper egress capacity with the existing Stairways. PLEASE NOTE: This COR represents Gilbane's internal estimate and pricing from some of our Partners. As this change was realized early in the design process, we were able to incorporate the drawings into the majority of our Contracts and therefore do not have Change Order Pricing in most cases and are relying on GBC's Internal Estimate for compensation for this added scope.

ATTACHMENTS:

DMJM BULLETIN NO.0001
 ADSF FROM LBPA WITH BACK-UP LETTERS
 LETTERS FROM THE CITY OF MANCHESTER TO MAYOR & ALDERMAN

CONTRACTOR QUOTES
 GBCO ESTIMATES

Proposed Change In Contract

Amount: 149,679.00

Proposed Change In Contract time

Time(Days): 0

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|------------------------|-----------|--------------------------------|------------|
| 210012 | Demolition-New | 20202000 | | 6,820.00- |
| | Concrete Slabs-New | 20303300 | | 2,836.00 |
| | Masonry-New | 20404000 | | 38,841.00 |
| | Structural Steel-New | 20505200 | Novel Iron Works Inc | 26,480.00 |
| | Misc. Metals | 20505200 | Novel Iron Works Inc | 6,187.00 |
| | Roofing-New | 20707300 | Skyline Roofing Inc | 300.00 |
| | Doors & Hardware-New | 20808700 | HCI/Craftsmen | 21,375.00 |
| | Drywall-New | 20909250 | | 19,653.00- |
| | Tile Flooring-New | 20909300 | | 19,115.00 |
| | Resilient Flooring-New | 20909600 | | 3,604.00 |
| | Painting-New | 20909900 | | 3,340.00 |
| | Signage | 21010000 | | 1,775.00 |
| | Toilet Cubicles-New | 21010800 | | 577.00 |
| | Plumbing-New | 21515000 | Youngblood Co Inc | 9,550.00 |
| | Fire Protection-New | 21515140 | | 3,750.00 |
| | Electrical-New | 21616000 | | 16,100.00 |
| | Arch. & Eng. Fee | 41718500 | Lavallee/Brensinger Architects | 4,900.00 |
| | MEP Engineering Fee | 41719500 | SEI Companies | 6,335.00 |
| | Fee | 99999900 | Gilbane | 11,087.00 |
| | | | CR # 210012 Total | 149,679.00 |
| | | | COR Total | 149,679.00 |

Owner: *[Signature]*
 City of Manchester Dept of Public Works

Date: 10/26/04

Gilbane: *[Signature]*

Date: 10-19-04

Distribution:

Owner
 CR File

Gilbane
 COR File

Architect
 Officer

RECEIVED
 OCT 26 2004
 GILBANE
 NO. 3387

CHANGE ORDER REQUEST



PROJECT NAME: Parkside Middle School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects

Manchester Public
School Facilities
Improvement Project

OCT 20 2004

GILBANE PROJECT NO: 113387220
CHANGE ORDER/REQ NO: 220040
DATE OF ISSUANCE: 10/15/04

Received
Program Management

ORIGINATOR: Gilbane

We submit herein our request for Change Order in the total amount indicated below for Work included in the Gilbane Change Request Number(s) identified below. Contractor's quotations have been reviewed and found to be fair and reasonable for the work involved. Refer to the attached documentation for specific pricing information.

Upon your approval, we will incorporate this amount in a final change Order document, which when executed by all parties, will change the Contract Sum and Contract Time as applicable.

DEFINITION: Provide all labor, materials, equipment, and service to correct electrical deficiencies as noted in E S Boulos memo of 8-19-04. Work also includes costs associated with de-energizing plaster ceiling (requested by Manchester DPW).

ATTACHMENTS:
Back-Up from E S Boulos Co..

Proposed Change In Contract
Amount: 7,187.00

Proposed Change In Contract time
Time(Days): 0

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|-------------|-----------|-------------------|----------|
| 220040 | Electrical | 11616000 | Boulos Company ES | 5,923.00 |
| | Electrical | 11616000 | Boulos Company ES | 732.00 |
| | Fee | 99999900 | Gilbane | 532.00 |
| | | | CR # 220040 Total | 7,187.00 |
| | | | COR Total | 7,187.00 |

Owner: July S. Gjat
City of Manchester Dept of Public Works

Date: 10/22/04

Gilbane: Ken M. Tully

Date: 10/19/04

Distribution: Owner CR File Gilbane COR File Other

CHANGE ORDER REQUEST

Manchester Public
School Facilities
Improvement Project

Gilbane

PROJECT NAME: Parkside Middle School

OWNER: City of Manchester Dept of Public Works

ADDRESS: 227 Maple Street

Manchester, NH 03103

ARCHITECT: Lavallee/Brensinger Architects

Received
Program Management

GILBANE PROJECT NO: 113387220

CHANGE ORDER/REQ NO: 220058

DATE OF ISSUANCE: 10/14/04

ORIGINATOR: Gilbane

We submit herein our request for Change Order in the total amount indicated below for Work included in the Gilbane Change Request Number(s) identified below. Contractor's quotations have been reviewed and found to be fair and reasonable for the work involved. Refer to the attached documentation for specific pricing information.

Upon your approval, we will incorporate this amount in a final change Order document, which when executed by all parties, will change the Contract Sum and Contract Time as applicable.

DEFINITION: Provide all labor, materials, equipment, and service to furnish and install school logo on new wood floor at gym.

Note: this COR has been revised to eliminate the fee and to charge the cost against the Owner Allowance.

ATTACHMENTS:
none.

Proposed Change In Contract

Amount: .00

Proposed Change In Contract time

Time(Days): 0

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|-----------------------|-----------|---------------------------|-----------|
| 220058 | Wood & Sport Flooring | 10909700 | American Sport Floors Inc | 1,500.00 |
| | Owner's Allowance | 96099800 | Gilbane | 1,500.00- |
| | | | CR # 220058 Total | .00 |
| | | | COR Total | .00 |

Owner: [Signature]
City of Manchester Dept of Public Works

Date: 10/20/04

Gilbane: [Signature]

Date: 10/14/04

Distribution:

Owner
CR File

Gilbane
COR File

Other

CHANGE ORDER REQUEST

Gilbane

PROJECT NAME: Webster Elementary School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects

Manchester Public
School Facilities
Improvement Project
OCT 14 2004
Received
Program Management

GILBANE PROJECT NO: 113387330
CHANGE ORDER/REQ NO: 330040
DATE OF ISSUANCE: 10/14/04
ORIGINATOR: Gilbane

We submit herein our request for Change Order in the total amount indicated below for Work included in the Gilbane Change Request Number(s) identified below. Contractor's quotations have been reviewed and found to be fair and reasonable for the work involved. Refer to the attached documentation for specific pricing information.

Upon your approval, we will incorporate this amount in a final change Order document, which when executed by all parties, will change the Contract Sum and Contract Time as applicable.

DEFINITION:

8-19-04: Provide all labor, materials, equipment, and service to perform additional cmu demolition at the gym (area behind lockers).

ATTACHMENTS:

none.

Proposed Change In Contract

Amount: 6,877.00

Proposed Change In Contract time

Time(Days): 0

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|-------------|-----------|----------------------------------|-----------|
| 330040 | Demolition | 10202000 | Dec-Tam Corporation | 3,000.00 |
| | Demolition | 10202000 | Dec-Tam Corporation | 3,000.00- |
| | Demolition | 10202000 | Dec-Tam Corporation | 3,000.00 |
| | Electrical | 11616000 | Consolidated Electrical Services | 2,018.00 |
| | Dumpsters | 33717650 | McGinnis Waste Recycling | 1,350.00 |
| | Fee | 99999900 | Gilbane | 509.00 |
| | | | CR # 330040 Total | 6,877.00 |
| | | | COR Total | 6,877.00 |

Owner: [Signature]
City of Manchester Dept of Public Works

Date: 10/20/04

Gilbane: [Signature]

Date: 10/14/04

Distribution:

Owner
CR File

Gilbane
COR File

Other

CHANGE ORDER REQUEST

Gilbane

PROJECT NAME: Webster Elementary School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects

Manchester Public
School Facilities
Improvement Project

GILBANE PROJECT NO: 113387330
CHANGE ORDER/REQ NO: 330076
DATE OF ISSUANCE: 10/21/04

OCT 25 2004

Received
Program Management

ORIGINATOR: Gilbane

We submit herein our request for Change Order in the total amount indicated below for Work included in the Gilbane Change Request Number(s) identified below. Contractor's quotations have been reviewed and found to be fair and reasonable for the work involved. Refer to the attached documentation for specific pricing information.

Upon your approval, we will incorporate this amount in a final change Order document, which when executed by all parties, will change the Contract Sum and Contract Time as applicable.

DEFINITION: Provide all labor, materials, equipment and service to paint the common areas at the Webster St. Elementary School (corridors and stairs).

ATTACHMENTS:
Back-up from King Painting.

Proposed Change In Contract
Amount: 9,272.00

Proposed Change In Contract time
Time(Days): 0

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|-------------|-----------|-------------------|----------|
| 330076 | Painting | 10909900 | King Painting Inc | 8,585.00 |
| | Fee | 99999900 | Gilbane | 687.00 |
| | | | CR # 330076 Total | 9,272.00 |
| | | | COR Total | 9,272.00 |

Owner: [Signature]
City of Manchester Dept of Public Works

Date: 10/26/04

Gilbane: [Signature]

Date: 10/22/04

Distribution: Owner Gilbane Other
CR File COR File

RECEIVED

OCT 26 2004

GILBANE JOB
NO. 3387

CHANGE ORDER REQUEST

Manchester Public
School Facilities
Improvement Project

Gilbane

PROJECT NAME: Highland Goff's Falls

OWNER: City of Manchester Dept of Public Works

ADDRESS: 227 Maple Street

Manchester, NH 03103

ARCHITECT: Lavalley/Brensinger Architects

GILBANE PROJECT NO: 113387420

CHANGE ORDER/REQ NO: 420023

DATE OF ISSUANCE: 10/13/04

Received
Program Management

ORIGINATOR: Gilbane

We submit herein our request for Change Order in the total amount indicated below for Work included in the Gilbane Change Request Number(s) identified below. Contractor's quotations have been reviewed and found to be fair and reasonable for the work involved. Refer to the attached documentation for specific pricing information.

Upon your approval, we will incorporate this amount in a final change Order document, which when executed by all parties, will change the Contract Sum and Contract Time as applicable.

DEFINITION: Provide all labor, materials, equipment, and service to replace ceiling at Teacher's Lounge.

ATTACHMENTS:
No Attachments Included

Proposed Change In Contract
Amount: 1,676.00

Proposed Change In Contract time
Time(Days): 0

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|---------------------|-----------|-----------------------------------|----------|
| 420023 | Demolition | 10202000 | Allan Industries | 192.00 |
| | Acoustical Ceilings | 10909500 | Stateline Acoustical Ceilings Inc | 625.00 |
| | H.V.A.C | 11515110 | Maroney Inc Francis H | 400.00 |
| | Electrical | 11616000 | Consolidated Electrical Services | 538.00 |
| | Dumpster | 33717650 | McGinnis Waste Recycling | 100.00 |
| | Fee | 99999900 | Gilbane | 148.00 |
| | | | CR # 420023 Total | 2,003.00 |
| | | | COR Total | 2,003.00 |

Owner: John G. Goff
City of Manchester Dept of Public Works

Date: 10/20/04

Gilbane: Ken Goff

Date: 10/14/04

Distribution: Owner Gilbane Other
CR File COR File

CHANGE ORDER



CONTRACT FOR: Manchester City-Wide School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103

PROJECT NUMBER: 113387000
CHANGE ORDER NO: 13
DATE OF ISSUANCE: 12/07/04
SUBMITTED BY: Gilbane
CONTRACT DATED: 4/28/03

ARCHITECT: Lavallee/Brensinger Architects

The Contract changes as follows:

| CCA/COR Number | Change Request | Change Request Description | Amount |
|----------------|----------------|--|-----------|
| 110343 | 110343 | Provide Intercom System | 14,324.00 |
| 120078 | 120078 | Remove VAT Flooring and Install VCT Flooring | 0.00 |
| 120123 | 120123 | Fabrication and Installation of New Circulation Desk | 0.00 |
| 210072 | 210072 | Replace Romex Wiring. | 0.00 |
| 330073 | 330073 | Furnish and Install Acoustical Ceiling at Multi-Purpose Room | 2,028.00 |
| 400010 | 400010 | Toilet Cubicle and Accessories Credit | 0.00 |
| | | | |
| | | | |
| | | | |
| | | | |

Signature of the Owner indicates agreement herewith, including any adjustment in the Contract Sum or the Contract Time

| | |
|--|---------------|
| The original Guaranteed Maximum Price was | 94,900,200.00 |
| Net change by previously authorized and submitted Change Orders | 398,375.20 |
| Guaranteed Maximum Price prior to this Change Order | 95,298,575.20 |
| Guaranteed Maximum Price will be increased by this Change Order | 16,352.00 |
| The new Guaranteed Maximum Price including this Change Order will be | 95,314,927.20 |
| The Contract Time For Phase I Schools will be unchanged by | 0 days |
| The Contract Time For Phase II Schools will be unchanged by | 0 days |
| The date of Substantial Completion for Phase I School construction as of the date of this Change Order therefore is | 08/28/05 |
| The date of Substantial Completion for Phase II School construction as of the date of this Change Order therefore is | 08/28/06 |

Owner:

Date: 1-11-05

City of Manchester Dept. of Highways

Manchester P.S. GP, LLC:

Date: 12/8/04

Distribution:

Owner
CR File

Gilbane
CO File

Other

CHANGE ORDER REQUEST



PROJECT NAME: Central High School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
 Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects

Manchester Public
 School Facilities
 Improvement Project
 NOV 04 2004
GILBANE PROJECT NO: 113387110
CHANGE ORDER/REQ NO: 110343
DATE OF ISSUANCE: 11/03/04
ORIGINATOR: Gilbane

We submit herein our request for Change Order in the total amount indicated below for Work included in the Gilbane Change Request Number(s) identified below. Contractor's quotations have been reviewed and found to be fair and reasonable for the work involved. Refer to the attached documentation for specific pricing information.

Upon your approval, we will incorporate this amount in a final change Order document, which when executed by all parties, will change the Contract Sum and Contract Time as applicable.

DEFINITION:

This Change Order is to provide a ^{new} BOGEN MC2KR-192 Multicom Rack Intercom System at Central HS.

ATTACHMENTS:

Williams Communications Services Quotation, dated 14-SEP-04.

*rather than relocating the existing intercom system.**

Proposed Change In Contract

Amount: 14,324.00

Proposed Change In Contract time

Time(Days): 0

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|-----------------|-----------|----------------------------------|-----------|
| 110343 | Electrical-Reno | 11616000 | Williams Communications Services | 13,263.00 |
| | Fee | 99999900 | Gilbane | 1,061.00 |
| | | | CR # 110343 Total | 14,324.00 |
| | | | COR Total | 14,324.00 |

Owner:

John C. Galt
City of Manchester Dept of Public Works

Date:

11-5-04

Gilbane:

[Signature]

Date:

11-4-04

** Existing intercom system to be salvaged and turned over to the City for reuse elsewhere.*

Distribution:

Owner
CR File

Gilbane
COR File

Other

CHANGE ORDER REQUEST

Gilbane

PROJECT NAME: West High School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects

Manchester Public
School Facilities
Improvement Project
NOV 01 2004
Received
Program Management

GILBANE PROJECT NO: 113387120
CHANGE ORDER/REQ NO: 120078
DATE OF ISSUANCE: 11/01/04
ORIGINATOR: Gilbane

We submit herein our request for Change Order in the total amount indicated below for Work included in the Gilbane Change Request Number(s) identified below. Contractor's quotations have been reviewed and found to be fair and reasonable for the work involved. Refer to the attached documentation for specific pricing information.

Upon your approval, we will incorporate this amount in a final change Order document, which when executed by all parties, will change the Contract Sum and Contract Time as applicable.

DEFINITION:

This Change Request is for the removal of existing VAT Flooring and the replacement of new VCT Flooring at the West High School faculty Dining Room No. 118 (Room B-8) on the Issued for Construction Documents) in Bean Building.

ATTACHMENTS:

CONTRACTOR QUOTES
DMJM BULLETIN NO. 00010
E-MAIL FROM C. SPICER

Proposed Change In Contract

Amount: .00

Proposed Change In Contract time

Time(Days): 0

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|-----------------------------------|-----------|--------------------|-------------|
| 120078 | Resilient Flooring-Ren | 10909600 | A&E Flooring Inc | 1,822.88 * |
| | Abatement | 32717100 | ACT Abatement Corp | 2,950.00 |
| | Owner's Allowance | 96099800 | Gilbane | 3,182.00- |
| | Material Allowance 1304 SF @ 1.22 | 96099850 | Gilbane | 1,590.88- * |
| | | | CR # 120078 Total | .00 |
| | | | COR Total | .00 |

Owner:

[Signature]
City of Manchester Dept of Public Works

Date:

11-5-04

Gilbane:

[Signature]

Date:

11-1-04

* transfer 1304 SF of VCT (@ 1.22/SF) from extra material allowance to GBC's estimate.

Distribution:

Owner
CR File

Gilbane
COR File

Other

CONSTRUCTION CHANGE AUTHORIZATION

Gilbane

PROJECT NAME: West High School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects

GILBANE PROJECT NO: 113387120
CCA NO: 120123
DATE OF ISSUANCE: 10/18/04
ORIGINATOR: Gilbane

OCT 20 2004
Received
Program Management

In order to expedite the work and avoid delays in the Work which will affect Contract Sum and/or Contract Time, the Contract Documents are hereby amended to include the additional Work described below, which is beyond the current scope of the Work.

Upon Owner approval, Gilbane will proceed with the Work promptly.

Costs as incurred are in addition to the current contract Sum and will be invoiced and paid on a monthly basis and identified as separate items within the requisition. Final cost of the Work involved and change in Sum and Time (if any) will be submitted for inclusion in a final Change Order adjusting the Contract Sum and/or Time.

DEFINITION:

This Change Request is for all work/costs associated with the fabrication and installation of a new Circulation Desk in the Media Center at West High School based on the design as approved on Change Request No. 120-045.

ATTACHMENTS: CONTRACTOR QUOTE

The following information is provided by Gilbane Building Company.

Method of determining change in Contract:

☐ Guaranteed Maximum Price ☐ Cost Plus Fee ☐ Unit Price ☒ Lump Sum ☐ Other

| | |
|---|--|
| Change In Contract Sum | |
| Amount: .00 | |
| <input checked="" type="checkbox"/> Fixed | <input type="checkbox"/> Maximum |
| <input type="checkbox"/> Estimated | <input type="checkbox"/> Time and Material |

| | |
|---|----------------------------------|
| Change In Contract time | |
| Time(Days): 0 | |
| <input checked="" type="checkbox"/> Fixed | <input type="checkbox"/> Maximum |
| <input type="checkbox"/> Estimated | |

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|-----------------------|-----------|---------------------------|------------|
| 120123 | Finish Carpentry-Reno | 10606200 | Chamberlain Companies Inc | 12,690.70 |
| | Owner's Allowance | 96099800 | Gilbane | 12,690.70- |
| | | | CR # 120123 Total | .00 |
| | | | CCA Total | .00 |

Owner: 245 1864
City of Manchester Dept of Public Works

Date: 11-5-04

Gilbane: Keri M. Foley

Date: 10/18/04

Distribution: Owner CR File Gilbane CCA File Other

CONSTRUCTION CHANGE AUTHORIZATION

Gilbane

PROJECT NAME: South Side Middle School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects

GILBANE PROJECT NO: 113387210
CCA NO: 210072
DATE OF ISSUANCE: 12/06/04
ORIGINATOR: Gilbane

DEC 06 2004

Received
Program Management
Office

In order to expedite the work and avoid delays in the Work which will affect Contract Sum and/or Contract Time, the Contract Documents are hereby amended to include the additional Work described below, which is beyond the current scope of the Work.

Upon Owner approval, Gilbane will proceed with the Work promptly.

Costs as incurred are in addition to the current contract Sum and will be invoiced and paid on a monthly basis and identified as separate items within the requisition. Final cost of the Work involved and change in Sum and Time (if any) will be submitted for inclusion in a final Change Order adjusting the Contract Sum and/or Time.

DEFINITION:

SCOPE: PROVIDE ALL LABOR AND MATERIALS REQUIRED TO REPLACE THE ROMEX WIRING FEEDING EXISTING OUTLETS AND LIGHTS IN THE AREAS LISTED BELOW; RM 215, RM 215A, RM 113, RM G27, RM G24, RM G23, RM G16, JANITOR CLOSET BETWEEN G16 AND G18, G18, AND G20 FROM THE ASSOCIATED PANELS FROM WHICH THEY ARE FED.

ATTACHMENTS:

No Attachments Included

The following information is provided by Gilbane Building Company.

Method of determining change in Contract:

☒ Guaranteed Maximum Price ☐ Cost Plus Fee ☐ Unit Price ☐ Lump Sum ☐ Other

Change In Contract Sum

Amount: .00

☒ Fixed ☐ Maximum
☐ Estimated ☐ Time and Material

Change In Contract time

Time(Days): 0

☒ Fixed ☐ Maximum
☐ Estimated

FINAL

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|-------------------|-----------|-------------------------------------|----------|
| 210072 | Electrical-Reno | 11616000 | Interstate Electrical Services Corp | 5,923.00 |
| | Owner's Allowance | 96099800 | Gilbane | 5,923.00 |
| | | | CR # 210072 Total | .00 |
| | | | CCA Total | .00 |

Owner: [Signature]
City of Manchester Dept of Public Works

Date: 12/07/04

Gilbane: [Signature]

Date: 12-6-04

Distribution:

Owner
CR File

Gilbane
CCA File

Other

CONSTRUCTION CHANGE AUTHORIZATION

Gilbane

PROJECT NAME: Webster Elementary School
 OWNER: City of Manchester Dept of Public Works
 ADDRESS: 227 Maple Street
 Manchester, NH 03103
 ARCHITECT: Lavallee/Brensinger Architects

Manchester Public
 School Facilities
 Improvement Project
 NOV 04 2004

GILBANE PROJECT NO: 113387330
 CCA NO: 330073
 DATE OF ISSUANCE: 10/29/04
 ORIGINATOR: Gilbane

In order to expedite the work and avoid delays in the Work which will affect Contract Sum and/or Contract Time, the Contract Documents are hereby amended to include the additional Work described below, which is beyond the current scope of the Work.

Upon Owner approval, Gilbane will proceed with the Work promptly.

Costs as incurred are in addition to the current contract Sum and will be invoiced and paid on a monthly basis and identified as separate items within the requisition. Final cost of the Work involved and change in Sum and Time (if any) will be submitted for inclusion in a final Change Order adjusting the Contract Sum and/or Time.

DEFINITION: Provide all labor, materials, equipment, and service to furnish and install suspended acoustical ceiling at themulti-purpose room (1938 section).

ATTACHMENTS:
 Corrected CCA 10-4-04.

The following information is provided by Gilbane Building Company.

Method of determining change in Contract:

☐ Guaranteed Maximum Price ☐ Cost Plus Fee ☐ Unit Price ☒ Lump Sum ☐ Other

| | |
|---|--|
| Change In Contract Sum | |
| Amount: 2,028.00 | |
| <input type="checkbox"/> Fixed | <input type="checkbox"/> Maximum |
| <input checked="" type="checkbox"/> Estimated | <input type="checkbox"/> Time and Material |

| | |
|---|----------------------------------|
| Change In Contract time | |
| Time(Days): 0 | |
| <input type="checkbox"/> Fixed | <input type="checkbox"/> Maximum |
| <input checked="" type="checkbox"/> Estimated | |

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|---------------------|-----------|-----------------------------------|----------|
| 330073 | Acoustical Ceilings | 10909500 | Stateline Acoustical Ceilings Inc | 1,800.00 |
| | Electrical | 11616000 | Consolidated Electrical Services | 1,878.00 |
| | Material Allowance | 33717790 | Gilbane | 1,800.00 |
| | Fee | 99999900 | Gilbane | 150.00 |
| | | | CR # 330073 Total | 2,028.00 |
| | | | CCA Total | 2,028.00 |

Owner: [Signature]
 City of Manchester Dept of Public Works

Date: 11-5-04

Gilbane: [Signature]

Date: 11/4/04

Distribution: Owner Gilbane
 CR File CCA File Other

RECEIVED

NOV 05 2004

GILBANE JOB
 NO. 3387

CHANGE ORDER REQUEST

Gilbane

PROJECT NAME: Green Acres Elementary School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects

GILBANE PROJECT NO: 113387400
CHANGE ORDER/REQ NO: 400010
DATE OF ISSUANCE: 11/03/04

ORIGINATOR: Gilbane

NOV 04 2004

We submit herein our request for Change Order in the total amount indicated below for Work included in the Gilbane Change Request Number(s) identified below. Contractor's quotations have been reviewed and found to be fair and reasonable for the work involved. Refer to the attached documentation for specific pricing information.

Upon your approval, we will incorporate this amount in a final change Order document, which when executed by all parties, will change the Contract Sum and Contract Time as applicable.

DEFINITION: Provide credit for elimination of toilet cubicles and toilet accessories at the following rooms: #39, #40, #67, and #68. Refer to RFI #001 (Green Acres).

ATTACHMENTS:
No Attachments Included

Proposed Change In Contract

Amount: .00

Proposed Change In Contract time

Time(Days): 0

| CR No. | Description | Cost Code | Contractor | Amount |
|--------|-------------------|-----------|-------------------|-----------|
| 400010 | Toilet Cubicles | 11010800 | Gilbane | 8,000.00- |
| | Toilet Cubicles | 11010800 | Gilbane | 203.00- |
| | Owner's Allowance | 96099800 | Gilbane | 8,203.00 |
| | | | CR # 400010 Total | .00 |
| | | | COR Total | .00 |

Owner: [Signature]
City of Manchester Dept of Public Works

Date: 11-5-04

Gilbane: [Signature]

Date: 11/4/04

Distribution:

Owner
CR File

Gilbane
COR File

Other

RECEIVED

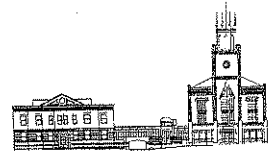
NOV 05 2004

GILBANE JOB
NO. 3387



CITY OF MANCHESTER

Office of the City Clerk



Leo R. Bernier
City Clerk

Carol A. Johnson
Deputy City Clerk

Paula L-Kang
Deputy Clerk
Administrative Services

Matthew Normand
Deputy Clerk
Licensing & Facilities

Patricia Piecuch
Deputy Clerk
Financial Administration

MEMORANDUM

To: K. Clougherty, Finance Officer

From: L. Thibault, City Clerk's Office *AKA*

Date: January 21, 2005

Subject: Request from Joint School Buildings Committee

At a meeting of the Committee on Joint School Buildings, held on January 18, 2005, it was voted to request an update from the Finance Department on funds (if any) that went into the School Facilities Improvement Project that were not included in the bond issue, i.e. paid out of the City's general fund.

The Committee would like a response, in writing, for their next meeting. Please be advised that their next meeting is tentatively scheduled for Tuesday, February 22 at 7 PM.

If you have any questions, please feel free to call me.



**City of Manchester
Department of Finance**

One City Hall Plaza
Manchester, New Hampshire 03101
Phone: (603) 624-6460
Fax: (603) 624-6549

February 16, 2005

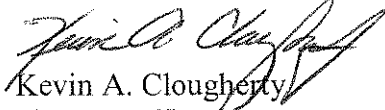
Joint School Buildings Committee
C/o City Clerk Office
One City Hall Plaza
Manchester, NH 03101

Dear Committee Members:

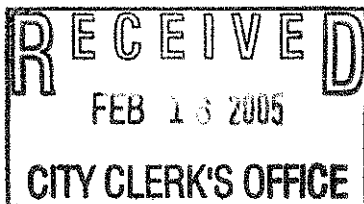
This letter is submitted in response to your request for an update from the Finance Department on funds, other than bond proceeds, that were used for the School Facilities Improvement Project. To date, none of the expenses related to the School project have been paid out of the General Fund account, everything has been charged to the project.

Please feel free to call me with any questions.

Respectfully submitted,


Kevin A. Clougherty
Finance Officer

Cc: Honorable Board of Mayor and Aldermen





City of Manchester

Department of Highways

Facilities Division

275 Clay Street
Manchester, New Hampshire 03103-5613

(603) 624-6555 Administrative Office
(603) 624-6562 Fax

Frank C. Thomas
Public Works Director

Kevin A. Sheppard
Deputy Public Works Director

Timothy J. Clougherty
Chief Facilities Manager

January 24, 2005

Mr. Bill Sanders
Manchester School District
196 Bridge St.
Manchester, New Hampshire 03104

Re: Facilities Maintenance

Dear Mr. Sanders:

Thank you for giving us the opportunity to present our approach to school building maintenance needs at your budget work session on January 8, 2005. Per your request this letter is written in order to summarize substantiation for the proposed increase in maintenance funding.

There are three basic reasons additional maintenance dollars are imminently necessary:

- 1) Insufficient maintenance is currently performed on facilities. This includes all life safety, mechanical, electrical, and building envelope/structural components.
- 2) The number of mechanical systems and their complexity has/will increase dramatically because of new construction.
- 3) There is a substantial increase in overall square footage to maintain due to additions.

With regard to the first point, insufficient maintenance, I offer the following: Last year we presented data, which showed the average school district, comparable to Manchester, spends \$1.41 per sq. ft annually on maintenance.

The Manchester School District currently spends 67 cents per square foot on maintenance needs. This equates to 48% of the national average.

We understand that an increase to \$1.41/sf in one year is not financially feasible. What we are proposing is a phased approach to bring the level to average. This first year we are recommending maintenance be funded at \$.92/sf.

An adequate level of maintenance funding has not been accomplished in years. The result is the significant reinvestment you are currently undertaking with the \$109MM

3B

construction and renovation effort. More than 50% of these dollars are directed to replacement and renovation of existing building systems.

There were some questions regarding warranties of new equipment. Warranties do not cover maintenance. Their purpose is to remedy product defects. Responsibility for maintaining new equipment lies with the purchaser. Most warranties even contain exclusions limiting remedy should adequate maintenance not take place.

Properly maintained equipment optimizes air quality, lasts longer, uses less energy, and provides increased levels of occupant comfort.

The second reason noted above speaks to the increase of building systems. Current code requirements dictate that fresh air be introduced into the learning environment thereby insuring proper Indoor Air Quality (IAQ). The on-going construction efforts address this need by adding ventilation systems to schools, which previously had little or none. These systems are easily recognizable at most locations, as they are the large silver units installed on rooftops.

By the end of FY06 there will be new ventilation systems serving almost 1.2 Million square feet of educational space. The total square footage of all schools is about 2.3 Million square feet, all of which containing mechanical equipment in order to meet ventilation/IAQ standards.

In addition to the above, increased maintenance is required because:

- ✓ Life safety systems are being improved with the addition/replacement of sprinklers, emergency lighting, and generators
- ✓ Electrical systems are being upgraded as well at more than 10 locations
- ✓ New roofing systems are being installed at 11 schools

The final reason for the requested increase in maintenance funding is square footage. Simply put, there's more real estate to maintain, about 15% (see attached chart). Without a proportional increase in funding, maintenance would have to be reduced across all schools to accommodate the additions.

Some of the benefits and components of a comprehensive maintenance program would be as follows:

- ❖ Comprehensive preventive maintenance plans for all:

- Mechanical equipment
 - Sprinkler systems
 - Fire alarm systems
 - Emergency Lighting Systems

3B

Roofs
Life Safety Systems

- ❖ Reduction on “turn around time” on work orders and backlog.
- ❖ Improved occupant comfort
- ❖ Improved Indoor Air Quality
- ❖ Improved energy efficiency and corresponding reduction in utility/fuel costs
- ❖ Improved work order tracking, inventory control, response time.
- ❖ Pro-active replacement of equipment identified to be near the end of its’ life cycle.
(Reduced failure rate, reduced downtime, minimized future capital expense)
- ❖ Expanded training of Facilities Technicians to take full advantage of our energy management system.

In conclusion, our goal at the Facilities Division is to provide the School District with a safe, consistent, comfortable learning environment at the lowest possible operating cost. The School District has committed significant capital toward this end. This plan is the first major step in insuring that the benefits of this investment are enjoyed for many years to come.

Thank you. I hope this clarifies some of the points we discussed at the budget session. If you require any further information please do not hesitate to contact me.

Very truly yours,

Timothy J. Clougherty
Chief Facilities Manager

cc/Frank C. Thomas, P.E.
Kevin A. Sheppard, P.E.
Barbara Connor
Encl.